



Tape is wound on a paper core.

**Tape widths are nominal metric  $\pm 0.8$  mm ( $\pm 1/32$ ").**

- 1/4" is 6 mm nominal or 0.236"
- 1/2" is 12 mm nominal or 0.472"
- 3/4" is 18 mm nominal or 0.709"
- 1" is 24 mm nominal or 0.945"
- 2" is 48 mm nominal or 1.890"

The user must determine the suitability for use of an antistatic tape for his particular application.

No silicone based material (adhesive, film backing, release material) is used in the manufacture of our conductive shielding grid tape.



\*Wescorp is a Desco Industries brand.

## Conductive Shielding Grid Tape

For applications requiring EMI shielding

- Both surfaces non-tribocharging at 50% RH
- 1.9 mil (0.049 mm) total thickness acrylic based adhesive
- Conductive grid layer  $10^4$  to  $10^5$  ohms at 50% RH
- Adhesive copolymer resistivity  $1 \times 10^9$  ohms
- Copolymer layer  $8 \times 10^{12}$  ohms
- Max Temperature 60°C (140°F)
- Absence of shed, crack, chip, or rub off
- Non-corrosive

**ANSI/ESD S20.20 requires that all nonessential insulators, such as those made of plastics and paper, must be removed from the workstation. Substituting antistatic tape for regular tape (a very high tribocharging insulator) protects your ESD susceptible products.**

### Electrical Properties:

Property	Test Method	Value
Tensile Strength - Longitudinal	ASTM D 882	160 N/mm sq.
Tensile Strength - Transverse	ASTM D 882	270 N/mm sq.
Elongation - Longitudinal	ASTM D 882	160%
Elongation - Transverse	ASTM D 882	50%
Static Decay Time	FTMS 101B, M4046	0.5 sec.

### Specifications:

Base Film Thickness		30 micron
Peeling Force		12 N
Cohesion Force	LCTS-T2-4	12 hrs
Adhesion to Steel	LCTS-T3-4	0.300 g/25mm min.

Tape	Width				Core	Length
	0.5"	.75"	1"	2"		
<b>Conductive Shielding Grid</b>	81250	81251	81252	81253	3"	118 ft.

Width tolerance  $\pm 1/32$ "

*Note: For best results, tape inventory should be continually replenished. It is recommended that rolls of tape be stored flat and rotated (flipped over to the other side) periodically. Tapes should be stored in a dry, well ventilated room with a reasonably consistent temperature of 68°F (20°C) and be protected from exposure to direct sunlight. Tape should not be stored in ultraviolet sunlight, moisture, or heat. Tape over one year old should be evaluated by the user to determine acceptability for the user's application. Master packs are date coded. See Limited Warranty; Desco expressly warrants that for a period of one (1) year from the date of purchase, our Wescorp Brand Antistatic Tape will be free of defects in material (parts) and workmanship (labor).*

## WESCORP\* ANTISTATIC CONDUCTIVE SHIELDING GRID TAPE

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**DRAWING NUMBER**  
81250

**DATE:**  
6/07

# DESCO